



STATE OF ARKANSAS Department of Pollution Control and Ecology P. O. Box 8913 Little Rock, Arkansas 72219-8913



Telephone 501-562-7444 Form Approved, OMB No. 2050-0039, Expires 9-30-94 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law. **UNIFORM HAZARDOUS** 6 5 1 0 0 0 0 5 3 5 3 3 WASTE MANIFEST 3. Generator's Name and Mailing Address A. State Manifest Document Number Attn: Rob Tueff M/S C6-58 ar- 635323 19503 South Normandle Avenue. Torrance CA 90602 310 593-7926 340 633-7231 H AHQ 3 6 0 0 5 6 9 1 4. Generator's Phone (US EPA ID Number 5. Transporter 1 Company Name D. Transporter's Phone 0.0.0.0.0.8.3.1.2.1 Laldlaw Environmental Services, Inc. E. State Transporter's ID 7. Transporter 2 Company Name F. Transporter's Phone 9. Designated Facility Name and Site Address US FPA ID Numbe G. State Facility's ID ENSCO, Inc. American Off Road H. Facility's Phone El Dorado AR 71730 Total Quantity 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Wt/Vo Waste No. Type Waste oxidizing substances, liquid, corrosive, n.o.s., 5.1. 0010004 UN3098, PG II (D001, D002) $O_1O_1O_1I_1O_2$ Waste oxidizing substances, liquid, 5.1, UN3139. 0010001 PG II (DOOD) ٥ Waste oxidizing substances, solid, n.o.s., 5.1, UN1479, 001 Own PQ II (D001) Waste tlammable liquids, n.o.s., 3, UN1993, PG II Own 001 0 (D001)Haddyonaleo 292507 EMERGENCY RESPONSE INFORMATION: h Dimin # DAC 34 All drums are lab packs ецикине в a Drum # DAC 30 GERN 424-GMRL of February if no alternate TSDF, return to generator 15. Special Handling Instructions and Additional Information Gerifor adkir yresida isa desa wa Additional Codes 11a) D002 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volumn and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Probert G. Tuell, Jr. 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day HAHEI**O**IO 18. Transporter 2 Acknowledgement of Receipt of Materials Day Printed/Typed Name Signature 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Month Day Printed/Typed Name EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

GENERATOR INITIAL COPY

GENERAL INFORMATION

The Hazardous Waste manifest is designed to track waste from the point of generation to final disposal (cradle to grave). In order to accomplish this goal, it is assential that all items on the manifest be completed correctly incomplete or incorrect manifests are violations of the law, and could make you subject to civil or criminal liabilities as specified in the Federal Regulations and the Arkanses Hazardous Waste Management

INSTRUCTIONS—IMPORTANT: READ ALL INSTRUCTIONS BEFORE COMPLETING

State and Federal regulations require Generators, Transporters, and Treatment, Storage & Disposal Facilities (TSDFs) to use this form and if necessary the continuation sheet for both inter and intrastate shipments. (Continuation sheets are not provided by the state of Arkansas.)

The Arkansas Manifest contains 6 copies. ALL COPIES MUST BE LEGIBLE. This form is designed for use on a 12 pitch (elite) typewriter; a firm ball point pen may also be used only if you press down HARD. The 6 copies must be distributed in the following

ORIGINAL: GENERATOR COPY—The TSDF will mail back to the generator state where the Weste was generated. (WHITE COPY)
COPY 2: STATE COPY—The in-state TSDF mails to Arkansas Department of Pollution Control. (PELLOW COPY)
TSDF COPY—TSDF keeps this copy for his records. (PINK COPY)
2ND TRANSPORTER COPY—The second transporter keeps for his records.

COPY 3: COPY 4:

(GOLD COPY)

1ST TRANSPORTER COPY—The first transporter keeps for his records. COPY 5:

GENERATOR INITIAL COPY—The generator keeps once first transporter signs off and takes waste. (BLUE COPY) COPY 6:

IF THE TSDF IS LOCATED OUT OF STATE THE IN STATE GENERATOR MUST SEND A PHOTOCOPY TO THE ARKANSAS DEPARTMENT OF POLLUTION CONTROL ONCE THE MANIFEST HAS BEEN SIGNED OFF BY THE TSDF.

MANIFEST FORM ACQUISITION

- If the destination (consignment) state supplies a manifest and requires its use, then the generator is obligated to obtain the manifest from that state.
- If the destination state does not supply the manifest, but the generator state does, then the generator is obligated to obtain the manifest form from the generator state.
- If forms are unavailable from either state the generator may obtain a manifest from any source.

ARKANSAS WILL NOT ACCEPT THE GENERIC UNIFORM MANIFEST

GENERATOR SECTION

- GENERATOR'S US EPA ID NO.—MANIFEST DOCUMENT NO.—Enter the generator's 12 digit EPA identification number. The manifest document number is a unique 5-digit no, the generator assigns to each manifest. PAGE 1 Of ____ Enter the total number of pages used to complete this manifest; i.e., the first page plus the number of continuation sheets, if any. GENERATOR'S NAME & MAILING ADDRESS—Enter the name and mailing Item 1:
- Item 2: Item 3:
- address of the generator, and provide the site address.

 GENERATOR'S PHONE NUMBER—Enter a telephone no with area code
- where an authorized agent of the generator can be reached in case of an emergency.
 TRANSPORTER 1 COMPANY NAME - Enter the company name (as notified
- Item 5:
- to EPA) of the first transporter who will transport the waste.

 US EPA ID NUMBER—Enter the US EPA 12-digit ID number of the first transporter identified in Item 5.
- Item 7:
- Item 8:
- item 10:
- US EPA ID NUMBER—Enter the US EPA 12-digit ID number of the first transporter identified in Item 5.

 TRANSPORTER 2 COMPANY NAME—If applicable, enter the company name (as notified to EPA) of the second transporter who will transport the waste. If more than (2) transporters will be used, use a continuation sheet and list the transporters in the order they will be transporting the waste. US EPA ID NUMBER—If applicable, enter the US EPA 12-digit ID number of the second transporter identified in Item 7.

 DESIGNATED FACILITY NAME & SITE ADDRESS—Enter the company name and site address of the treatment, storage, disposal facility (TSDF) designated to receive the waste listed on this manifest.

 US EPA ID NUMBER—Enter the 12-digit US EPA identification number of the designated TSDF listed in Item 9.

 US DOT DESCRIPTION—All of the following must be entered: the correct US DOT (Dept. of Transportation) name for the waste identified; the assigned DOT-Hazard Class and the UNINA-ID Number (e.g. waste sulfurication, spent corrosive material, UN1832 RQ). The word "waste" must appear as part of the DOT name. If more than 4 wastes are being shipped, a second manifest or continuation sheets must be used.

 (See 49:CFR 172.201).

 CONTAINERS (NO. & TYPE)—Enter the number of containers for each waste and the appropriate abbreviations from Table 1 (below) for the type of containers used:

TABLE 1 CONTAINER TYPES

- DM Metal drums, barrels, kegs DW Wooden drums, barrels, kegs
- Fiberboard or plastic drums, barrels, kegs
 Tanks portable
- TP
- Cargo tanks (tank trucks) Tank cars
- Dump truck
- CY Cylinders

 CM Metal boxes, cartons, cases (including roll-offs)

 CW Wooden boxes, cartons, cases
- CW Wooden boxes, cartons, cases CF Fiber or plastic boxes, cartons, cases BA Burlap, cloth, paper or plastic bags

Item 13: TOTAL QUANTITY-Enter the total quantity of waste described on each

DO NOT USE FRACTIONS

UNIT (Wt./Vol.) -Enter the appropriate abbreviation from Table 2 (below) for the unit of measure used in determining the total quantity of waste Item 14: described on each line.

TABLE 2 UNITS OF MEASURE

- G Gallons (liquid only)
- Pounds Tons (2,000 lbs.)
- Y Cubic yards L Liters (liquids only) K Kilograms
- M Metric Tons (1,000 kg) N Cubic meters
- Item 15:
- SPECIAL HANDLING INSTRUCTIONS & ADDITIONAL INFORMATION—Use this space to indicate special transportation, treatment, storage, disposal, or Bill of Lading information. If any alternate facility is designated, note it here. For INTERNATIONAL SHIPMENTS, generators must enter the point of departure (city & state) in this space. GENERATOR'S CERTIFICATION—The Generator must read, sign (by hand), and date the certification. If a mode other than highway is used, the word "highway" should be lined out and the appropriate mode (rail, water, air) inserted in the space. If another mode in eddition to the highway mode is used, enter the appropriate additional mode in the space. Item 16:
- STATE MANIFEST DOCUMENT NUMBER—Number preprinted by the state of Arkansas except on the continuation sheets. Enter this number on each continuation sheet attached to the manifest.

 STATE GENERATOR ID—Are numbers issued by state of Arkansas (i.e., PCB, Provisional, or Conditionally Exempt Generator Numbers).

 STATE TRAN #1 ID—Must have Arkansas Permit Number if transporting waste in, through, or out of Arkansas.

 TRANSPORTER PHONE—Enter a teleptome number with area code where Item A:
- Item B:
- Item C:
- Item D:
- Item E:
- Item F:
- Item G Rem H:
- Item I:
- TRANSPORTER PHONE—Enter a telephone number with area code where an authorized agent of the transporter can be reached. STATE-TRÂN #2!D—If applicable, enter Arkansas Permit Number if carrying waste in, through, or out of the Arkansas.
 TRANSPORTER PHONE—If applicable, enter a telephone number with area code where an authorized agent of the second transporter may be reached. STATE FACILITY'S ID—No entry is required by Arkansas.
 FACILITY PHONE—Enter a telephone-number with-area code of the TSDF designated to receive the waste listed on the manifest.
 WASTE NO.—Enter the 4-digit EPA Hazardous Waste No. as listed in 40 Code of Federal Regulations Part 261:
 ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED BELOW—List additional description of material and alternate TSDF including TSDF additions Item J:
- ADDITIONAL DESCRIPTIONS FOR WATERIALS STORED SECOND and additional description of material and alternate TSDF including TSDF address and EPA ID Number.

 EMERGENCY RESPONSE INFORMATION—Arkansas requires the generator
- Item K: to list an authorized representative name and 24 hour phone number in case of a emergency.

TRANSPORTER SECTION

- TRANSPORTER 1 ACKNOWLEDGEMENT Print or type the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

 TRANSPORTER 2 ACKNOWLEDGEMENT If applicable, follow instructions for item 17 for the second transporter. Item 17:
- Item 18:
- ALL HAZARDOUS WASTE TRANSPORTERS "DEERATING IN ARKANSAS MUST HAVE A VALID ARKANSAS TRANSPORTER PERMIT Note:

DESIGNATED FACILITY (TSDF) SECTION

- DISCREPANCY INDICATION SPACE—The authorized representative of the designated facility must note in this space any significant discrepancy between the waste described on the manifest and the waste actually received at the facility. Any rejected materials should be listed here, along with an explanation of the disposition of the rejected wastes. FACILITY OWNER/OPERATOR CERTIFICATION—Print or type the name of the person accepting the waste on behalf of the owner/operator of the designated TSDF. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date.
- Item 20:
- Sao. 1900時行。15. 1985年 For interstate shipments you may be required to comply with the manifesting requirements of both the receiving, and generator states regarding the completion of specific infermation included in lettered atoms A-K. Please check with both generator, and disposer states for specific requirements. Note:

BURDEN DISCLOSURE STATEMENT

Public reporting burden for this collection of information is estimated to average: 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment, storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401-M. Street, S.W., Washington, D.C., 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C., 20503.

D. Puntil 2700-10 (**9ev.** 6-86) Pravious edition unusukki

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26.	Tran	sporterCompany Nam	е		27. US EPA ID Num	ber	P. Sta	te Transporter's	ID	
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c.	X	Wast e corrosive li (D002)	quids, n.o.	s., 8, UN1	760, PG II	001	DF	00020	P	D002
d.	X	Waste caustic alk (D002)	ali liquids, i	n.o.s., 8, l	JN1719, PG II	001	DF	23	P	D002
е.	X	Waste corrosive s	olids, n.o.s	s., 8, UN 1	759, PG II	001	DF	00010	P	N/R
f.	X	Waste poisonous PG III (Povidine-		.s., 6.1, U	N2810,	001	DF	00050	P	N/R
g.	X	Waste poisonous (Benzalkonium C).s., 6.1, L	JN2810, PG II	001	DF	00025		NÆ
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WORK ORDER

|L|A|I|D|L|A|W| |ENVIRONMENTAL |SERVICES

221 E. "D" ST. • P.O. Box 1175 WILMINGTON, CA 90748-1175 (310) 518-4700 • (800) 955-5359

STOMER/ACCT. NO

NOT AN INVOICE - BILLING WILL FOLLOW

BILLING ADDRESS

SERVICE ADDRESS

DOUGLAS TORR

WORK ORDER NO.

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ORDER DATE	DATE TO BE DONE	GUSTOMER P.O. #	ORDERED BY	TELEP	HONE#	CONTACT PERSON
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<i>j</i> .		Rel. Number: 450	25			
REP.	DIV.#	DEPARTMENT	CUSTOMER'S	EPA# CUSTOMER'S	BD OF EQUAL# (CONTACT PHONE #
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START TIME	STOP TIME	START 44249 END MILES	TRUCK NUMBER	TRAILER NUMBER
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Customer Signature Robert S. Justin 9

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM

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Generator Name:	Douglas Aircraft Company Manifest No.: AR - 635323
SECTION II	SPENT SOLVENT WASTE (268.30) AND CALIFORNIA LIST WASTE (268.32)
	A. Spent Solvent Wastes (F001-F005)
This shipment, as Waste Code(s)	referenced by the above manifest number, contains waste(s) which correspond to USEPA Hazardous
	ced waste(s) must be treated to meet the treatment standard expressed as Constituent Concentration ct as outlined in 40 CFR 268.41 Table CCWE or in 40 CFR 268.43 Table CCW below.
	- 1. COM C

Table CCW - Constituent Concentrations in Waste

	Total: (Concentration(in mg/l)
F001-F005 Spent Solvents	Wastewaters	Non-Wastewaters
ne	0.28	160
ne	0.070	3.7
n alcohol	5.6	2.6
Parbon disulfide	0.014	N/A
arbon tetrachloride	0.057	5.6
hlorobenzene	0.057	5.7
resols (m- and p- isomers)	0.77	3.2
-cresol	0.11	5.6
yclohexanone	0.36	N/A
-Dichlorobenzene	0.088	6.2
thyl acetate	0.34	33
thyl benzene	0,057	6.0
thyl ether	0.12	160
obutyl alcohol	5.6	170
ethanol	5.6	N/A
ethylene chloride	0.089	33
ethyl ethyl ketone	0.28	36
ethyl isobutyl ketone	0.14	33
itrobenzene	0.068	14
yndine	0.014	16
etrachloroethylene	0.056	5.6
pluene	0.08	28
1,1-Trichloroethane	0.054	5.6
1,2-Trichloroethane	0.030	7.6
1,2-Trichioro-1,2,2-Trifluoroethane	0.057	0.28
richloroethylene	0.054	5.6
ichlorofluoromethane	0.02	33
ylenes (Total)	0.32	28
	Table CCWE-Constituent Concentrations in Waste Extract	
		ncentrations (mg/l)
Carbon Disulfide	N/A	4.8

F005 Spent solvents 2-Nitropropane and 2-Ethoxyethanol have treatment standards outlined in 40 CFR 268.42 and must be referenced in Section

If indicated by "X", any or all of the above specified waste codes are able to be land disposed without further treatment and are referenced to Certification Statement Section V.
"X" Here,

if applicable

Cyclohexanone Methanol

Rev. 11/92

B. California List Wastes

where spe below not al	cific treatment stand	ards are not er existing t	applicable, or treatment stan	e treatment standards where the hazardous dards, the waste mu in 3004(d).	waste	contains any of t	he constituents
				T CONSTITUENTS HIBITION LEVELS			
			George Control	a.,			
	CONCTITUENT					CONCENTRATION (MG/L)	
	CONSTITUENT *Cyanides					1,000	
	*Arsenic					500	
	*Cadmium *Chromium VI		The State of			100 500	
	*Lead			•		500	
	*Mercury					20	
	Liquid Hazardous Waste Co *Selenium	ntaining Nickei				134 100	
	Liquid Hazardous Waste Co	ntaining Thaillum				130	
	*Liquids with pH ≤ 2.0 Liquids with PCBs					50 ppm	
	Hazardous Wastes containing	g HOCs**			1,0	000 mg/kg	
in Section III of this for contained in concent	artions equal to or greater than according to the control of the c	dous debris may be what is specified.	e subject to an extens	cific treatment standards which sup on in the effective date and may t	e subject	to these prohibitions if any o	f these constituents are
		•				A A A107 A1	
					กเลกจ อเร	s taletauced to cettilication	RESEGUENT SECTION A.
"X" here, If applicable	C, any or all of the above spec	cified waste codes	are able to be latter				
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Restricted Wasubject to the	iste(s) contained in a treatment standard ate code, list the foll	O this shipmer is set forth i	THER RESTR nt and referen in 268.41, 268 nation where	ICTED WASTES ced by the above ma 42, and/or 268.43. applicable: Subcateg	nifest i	number are listed	below and are
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Restricted Wasubject to the For each was 5-letter treatm Paragraph for USEPA Hazardous	este(s) contained in the treatment standard ste code, list the follment code for specific concentration base	this shipmer is set forth if owing informed technologed and standards	THER RESTR of and reference in 268.41, 268 mation where a gy in 268.42 (II is [268.41(a) ar	icted wastes ced by the above ma 42, and/or 268.43. applicable: Subcateg NCIN, DEACT, STABL ad/or 268.43(a)]. Treatment Technology**	nifest i ory; <u>Ti</u> , RME	number are listed reatability Group (RC, FSUBS) or CF	below and are NWW or WW); FR Section and Waste Codes Indicated By "X" are Referenced to Certification
Restricted Wasubject to the For each was 5-letter treatm Paragraph for USEPA Hazardous	este(s) contained in the treatment standard ste code, list the follment code for specific concentration base	this shipmer is set forth if owing informed technologed and standards	THER RESTR of and reference in 268.41, 268 mation where a gy in 268.42 (II is [268.41(a) ar	icted wastes ced by the above ma 42, and/or 268.43. applicable: Subcateg NCIN, DEACT, STABL ad/or 268.43(a)]. Treatment Technology**	nifest i ory; <u>Ti</u> , RME	number are listed reatability Group (RC, FSUBS) or CF	below and are NWW or WW); FR Section and Waste Codes Indicated By "X" are Referenced to Certification
Restricted Wasubject to the For each was 5-letter treatm Paragraph for USEPA Hazardous	este(s) contained in the treatment standard ste code, list the follment code for specific concentration base	this shipmer is set forth if owing informed technologed and standards	THER RESTR of and reference in 268.41, 268 mation where a gy in 268.42 (II is [268.41(a) ar	icted wastes ced by the above ma 42, and/or 268.43. applicable: Subcateg NCIN, DEACT, STABL ad/or 268.43(a)]. Treatment Technology**	nifest i ory; <u>Ti</u> , RME	number are listed reatability Group (RC, FSUBS) or CF	below and are NWW or WW); FR Section and Waste Codes Indicated By "X" are Referenced to Certification
Restricted Wasubject to the For each was 5-letter treatm Paragraph for USEPA Hazardous	este(s) contained in the treatment standard ste code, list the follment code for specific concentration base	this shipmer is set forth if owing informed technologed and standards	THER RESTR of and reference in 268.41, 268 mation where a gy in 268.42 (II is [268.41(a) ar	icted wastes ced by the above ma 42, and/or 268.43. applicable: Subcateg NCIN, DEACT, STABL ad/or 268.43(a)]. Treatment Technology**	nifest i ory; <u>Ti</u> , RME	number are listed reatability Group (RC, FSUBS) or CF	below and are NWW or WW); FR Section and Waste Codes Indicated By X are Referenced to Certification



SECTION IV

LAB PACK CERTIFICATION

		268.7(a)(8) and 26 /aste Codes listed		ab pack wastes	contained in th	nis shipment con	esponding
<u> 2001</u>	U162	***************************************		·	**************************************		delimentarion de plan reconoción con que a seu en en
0002							
D007			- A		-		
are identified a statement(s) w		astes and are refer	enced by the a	above manifest n	umber. I subm	it the following o	ertification
		Lab Pack Wastes ometallic)			Appendix V L (Organic)	ab Pack Wastes	b g
examined and lab pack conta IV to part 268 under 40 CFF significant pen including the p	am familiar values on solid wasted Part 261. P	law that I personal with the waste and vastes specified in a less not subject to relate a manual amakers that to mitting a false cerne or imprisonment	that the appendix egulation here are tification,	examined and analysis and that the specified in Apsubject to requirements aware that the	d am familiar esting or through lab pack controlled pendix V to Pagulation under ere are significate extion, including	with the waste gh knowledge of tains only organ art 268 or solid value 40 CFR Part 20 ant penalties for the possibility	e through the waste nic wastes wastes not 61. I am submitting
Signature <u>/</u>	Polet &	Juell, J.		Signature			
		gineer Date O	6-29-94	Title		Date_	
		CIN followed by S		Treatment Te	chnology: INC	CIN	
Lab pack wast Section III of t		dous waste codes i	not specified b	y EPA in 40 CF	R 268 Appendia	(IV or V are refe	erenced in
SECTION V	CERTIFIC	CATION OF RESTF		E WHICH MAY R TREATMENT	BE LAND DIS	POSED	THE REPORT OF THE PROPERTY OF
		(2) and regarding the treatment. Is				oment, these was	ste(s) may
analysi compli prohibi submitt	s and testing es with the ti tions set forth ted is true, ac	ty of law that I per or through knowler reatment standards in in 40 CFR 268.3 curate and complet including the possil	edge of the v s specified in 32 or RCRA s te. I am aware	vaste to support 40 CFR Part 20 ection 3004(d). e that there are	t this certificati 68 Subpart D I believe that significant pena	on that the was and all applicab the information	te le I
Signatu	ure	Title		Dat	е		-
(This c		referenced to the					



SECTION VI HAZARDOUS DEBRIS SUBJECT TO ALTERNATIVE TREATMENT STANDARDS

		9, 1992, this hazardous de the following constituents		the alternative treatment standards of 40 Cent:	FR 268.45.
				ve listed wastes as described in 268.41 and	or 268 43
			,		O1 200.10.
	IOXIC	city Characteristics (D004-D		Specify Chemical Name(s))	
	Reac	tive Sulfide or Cyanide			
SECTION VII			O AN EXTENSIO Check Where App	N IN THE EFFECTIVE DATE propriate)	allast il likuvumikkojus korpension (1900) (1904) (1906) (1906)
		Waste Code		Effective Date	
		F037		6-30-93	
		F038		6-30-93	
		F037 Debris		6-30-94	
e Notes to the contract of the		F038 Debris		6-30-94	
		Debris contaminated wit a newly listed waste [sp		6-30-94	
			Debris	5-8-93	
			Other		
		need to be referenced in tions - See Section IIB of t		form. However, these wastes may be sub	ect to the
					Character of page 15 days (C. p. p. C. crosson)
knowledge of I hereby cert	the wa	ste(s). all information submitte		mation contained herein is based upon my	
knowledge ar	nd infor	mation.			
	<i>^</i>	S. Tuell, Q.		Plant Engineer Date 06-29-94 Rev	•



DYOUT EMERCIENCY RESPONSE GOIDE 15



(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K)

Basic Description: LAB PACK: SEE ATTACHED

INVENTORY SHEET(S)

Technical Name(s):

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No .:

424-9300

(CHEMTREC)

POTENTIAL HAZARDS

HEALTH HAZARDS

Poisonous; may be fatal if inhaled or absorbed through skin. Contact may cause burns to skin and eyes.

Contact with liquid may cause frostbite

Clothing frozen to the skin should be thawed before being removed. Runoff from fire control or dilution water may cause pollution.

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily. Cylinder may explode in heat of fire

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry Stay upwind, out of low areas, and ventilate closed spaces before entering. Positive pressure self-contained breathing apparatus (SCBA) and chemical protective clothing which is specifically recommended by the shipper or manufacturer may be worn. It may provide little or no thermal protection. Structural firefighters' protective clothing is not effective for these materials. Isolate the leak or spill area immediately for at least 150 feet in all directions. See the Table of Initial Isolation and Protective Action Distances. If you find the ID Number and the name of the material there, begin protective action. CALL CHEMTREC AT 1-800-424-9300 AS SOON AS POSSIBLE, especially if there is no local hazardous materials team available

Small Fires: Dry chemical or CO2. Large Fires: Water spray, fog or regular foam.

Do not get water inside container.

Move container from fire area if you can do it without risk.

Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks, isolate area until gas has dispersed.

SPILL OR LEAK

Stop leak if you can do it without risk

Fully-encapsulating, vapor-protective clothing should be worn for spills and leaks with no fire.

Use water spray to reduce vapor; do not put water directly on leak or spill

Small Spills: Flush area with flooding amounts of water.

Large Spills: Dike far ahead of liquid spill for later disposal. Do not get water inside container.

Isolate area until gas has dispersed.

Move victim to fresh air and call emergency medical care; if not breathing,

give artificial respiration; if breathing is difficult, give oxygen.
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.

Remove and isolate contaminated clothing and shoes at the site. Keep victim quiet and maintain normal body temperature Effects may be delayed; keep victim under observation.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

ERF 15 Printed by LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646 (800) 621-5808

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, IF THE LISTED MATERIAL IS NOT ON FIRE. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons in suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 15

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USETHI	USE THIS IMBLE WHEN THE WATERIAL IS NOT ON FIFE	SMALL (Leak or spill package or from a large	SMALL SPILLS (Leak or spill from a small package or small leak small package or small pack	LARGE (Leak or spill package or spackage or spill smail pa	LARGE SPILLS (Leak or spill from a large package or spill from many smail packages.)
Ö. No	NAME OF WATERIAL	First ISOLATE in all directions— (Feet)	Then PROTECT those persons in the DOWNWIND direction— (Miles)	First. ISOLATE in all directions— (Feet)	Then, PROTECT lhose persons in the DOWNWIND direction— (Miles)
1005	Ammonia	150	0.2	300	-
9001	Ammonia. Artydrous. Liquefied	95	0.2	300	-
1005	Ammonia Solution with more than 50% Ammonia	ş	00	Ş	
1005	Anhydrous Ammonia	8 8	0.5	8	
1008	Boron Trifluoride	1500	s	1500	vo.
1048	Hydrogen Bromide, anhydrous	1500	v	1500	·
1050	Hydrochloric Acid, anhydrous	8	~	1200	4
1050	Hydrogen Chonde, anhydrous	8	2	1200	₹ .
1052	Hydrofluoric Acid, anhydrous	8	-	8	e 1
1052	Hydrogen Fluonde, anhydrous	8	- 1	8	es 1
9/01	Carbonyl Characte	3 3	n v	2061	e e
9/01	Prosigene Conseque inhibited	3 5	nu	3 5	n u
1741	Born Trichhode	3 5		3 5	n w
1955	Compressed Gas,				,
	poisonous, N.O.S.	ŝ	s	<u>\$</u>	¥n
1955	Liquefied Gas. poisonous, N.O.S.	1500	s	1500	.
1955	Poisonous Gas, N.O.S.	1500	10	1500	wa.
1955	Poisonous Liquid, N.O.S.	1500	vo	1500	'n
2186	Hydrogen Chloride.				
	(Cryogenic Liquid)	1200	4	1500	'n
2191	Sulfuryl Fluoride	8	6	1500	so.
2194	Selenium Hexafluoride	200	5	1500	s
2198	Phosphorus Pentafluoride	8	2	8	8
2417	Carbonyl Fluonde	1500	s	1500	ĸ
2418	Sulfur Tetra Fluoride	200	'n	200	w
2420	Hexaftuoroacetone	200	φ.	200	un ·
245	Nitrogen Insuonde	ž	7 .0	<u></u>	8.0
225	Dichlorodifluoromethane and Ethylene Oxide Mixture with				
	not more than 12% Ethylene Oxide	150	0.2	8	0.8
3070	Ethylene Oxde and Dichlorodifucorumethane with				
	Oxide	8	0.2	35	0.8
9270	Chlorotrifluorpyridine	35	0.2	150	9.4
9272	Sulfur Chloride Pentafluoride	1500	· ·	1500	s
9273	Phosphorus Influoride	06	۳,	900	es.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, and NO FIRE exists, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, IF THE LISTED MATERIAL IS NOT ON FIRE. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill*incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 31

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

NAME OF MATERIAL

to this Guide number.

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.) LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)

First ISOLATE in all directions-(Feet)

Then, PROTECT those persons in the DOWNWIND direction— (Miles)

First, ISOLATE in all directions-(Feet) Then, PROTECT those persons in the DOWNWIND direction-(Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, <u>and NO FIRE exists</u>, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

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(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: ______ LAB PACK: SEE ATTACHED

INVENTORY SHEET (S)

Technical Name(s):

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.:

(800) 424-9300

(CHENTREC

DOT. EMERGENCY RESPONSE GUIDE 31

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.

HEALTH HAZARDS

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

FIRE

Small Fires: Dry chemical, CO2, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.
Move container from fire area if you can do it without risk.
Do not scatter spilled material with high-pressure water streams.
Dike fire-control water for later disposal.

SPILL OR LEAK

Stop leak if you can do it without risk.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal.

Cover powder spill with plastic sheet or tarp to minimize spreading.

FIRST AIC

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

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INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, IF THE LISTED MATERIAL IS NOT ON FIRE. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

EMERGENCY RESPONSE GUIDE 60

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)

(Leak or spill from a large package or spill from many small packages.) First, ISOLATE in all directions

(Feet)

First ISOLATE in all directions-

(Feet)

Then, PROTECT those persons in the DOWNWIND direction-(Miles)

Then, PROTECT those persons in the DOWNWIND direction-(Miles)

LARGE SPILLS

NAME OF MATERIAL ID No.

> No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, and NO FIRE exists, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

O'O'I' EWEHCENCK RESPONSE GUIDE 60

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172,202 and 172,203 (K).

Basic Description:

LAB PACK: SEE ATTACHED

INVENTORY SHEET(S)

Technical Name(s):

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.: _

(800) 424 - 9300 (CHEMTREC

D.O.T. EMERGENCY RESPONSE GUIDE 60

POTENTIAL HAZARDS

HEALTH HAZARDS

Contact causes burns to skin and eyes.
If inhaled, may be harmful.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily. Flammable/poisonous gases may accumulate in tanks and hopper cars. Some of these materials may ignite combustibles (wood, paper, oil, etc.)

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas.

Positive pressure self-contained breathing apparatus (SCBA) and structural fireflighters' protective clothing will provide limited protection. CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

IIDE ...

Some of these materials may react violently with water.

Small Fires: Dry chemical, CO2, water spray or regular foam.

Large Fires: Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air; call emergency medical care. In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.

Remove and isolate contaminated clothing and shoes at the site. Keep victim quiet and maintain normal body temperature.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this Information from the table in addition to the Guide Page IF THERE IS NO FIRE.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

ERF 60 Printed by Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, <u>IF THE LISTED MATERIAL IS NOT ON FIRE</u>. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

specifically to the initial phase of a no-fire spill incident during transport. D.OT. EMERGENCY RESPONSE GUIDE 59

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES.

	TABLE WHEN THE LIS NOT ON FIRE.	(Leak or sp package	LL SPILLS bill from a small or small leak trge package.)	(Leak or s package or	GE SPILLS pill from a large spill from many packages.)
ID No.	NAME OF MATERIAL	First ISOLATE in all directions— (Feet)	Then, PROTECT those persons in the DOWNWIND direction- (Miles)	First, ISOLATE in all directions- (Feet)	Then, PROTECT those persons in the DOWNWIND direction— (Miles)
1695 1695 1695 1744 1750 1750 2267 2267	Chloroacetone, stabilized Monochloroacetone, inhibited Monochloroacetone, stabilized Bromine Chloroacetic Acid, liquid Monochloroacetic Acid, liquid Dimethyl Chlorothiophosphate Dimethyl	150 150 150 1500 1500 150	0.2 0.2 0.2 5 0.2 0.2 0.2	150 150 150 1500 1500 150 150	0.2 0.2 0.2 5 0.2 0.2 0.2
2267 2692	Phosphorochloridothioate Dimethyl Thiophosphoryl Chloride Boron Tribromide	150 150 600	0.2 0.2 2	150 150 900	0.2 0.2 3
2922 2922	Corrosive Liquid, Poisonous, N.O.S. Poisonous Liquid,	1500	5	1500	5
9265	Corrosive, N.O.S. Methanesulfonyl Chloride	1500 150	5 0.2	1500 150	5 0.2

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, and NO FIRE exists, you must:

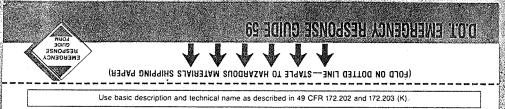
determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.



Basic Description: LAB PACK: SEE ATTACHED

INVENTORY SHEET(S)

Technical Name(s):

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.: (800) 42 4-9300

(CHEMTREC)

D.O.T. EMERGENCY RESPONSE GUIDE 59

POTENTIAL HAZARDS

HEALTH HAZARDS

Poisonous if inhaled or swallowed.
Skin contact poisonous.
Contact may cause burns to skin and eyes.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily. Some of these materials may ignite combustibles (wood, paper, oil, etc.).

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas.

Positive pressure self-contained breathing apparatus (SCBA) and chemical protective clothing which is specifically recommended by the shipper or manufacturer may be worn. It may provide little or no thermal protection. Structural firefighters' protective clothing is not effective for these materials. CALL CHEMTREC AT 1-800-424-9300 AS SOON AS POSSIBLE, especially if there is no local hazardous materials team available.

FIRE

Some of these materials may react violently with water.

Small Fires: Dry chemical, CO2, water spray or regular foam.

Large Fires: Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.

Fully-encapsulating, vapor-protective clothing should be worn for spills and leaks with no fire.

Use water spray to reduce vapors.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills: Dike liquid spill for later disposal.

FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen.

In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.

Water for all least 15 minutes.

Remove and isolate contaminated clothing and shoes at the site.

Keep victim quiet and maintain normal body temperature.

Effects may be delayed; keep victim under observation.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

ERF 59 Printed by LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646 (800) 621-5808

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, IF THE LISTED MATERIAL IS NOT ON FIRE. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill Incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 26

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

ID No.

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)

LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)

First ISOLATE in all directions (Feet)

NAME OF MATERIAL

Then, PROTECT those persons in the DOWNWIND (Miles)

Then, PROTECT First, ISOLATE those persons in the DOWNWIND in all directions direction-(Miles) (Feet)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name

from this list, and NO FIRE exists, you must: determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

D'O'T EWERGENCY RESPONSE GUIDE 26





— В ПОТТЕВ СІИЕ CATAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172,202 and 172,203 (K).

Basic Description: .

Technical Name(s): .

LAB PACK: SEE ATTACHED

INVENTORY SHEET(S)

HORE SOLD WOLLD IN DO

FMFRGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No

9300 (CHEMTICEC)

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back.
Container may explode in heat of fire.
Vapor explosion hazard indoors, outdoors or in sewers.

Runoff to sewer may create fire or explosion hazard.

HEALTH HAZARDS

May be poisonous if inhaled or absorbed through skin. Vapors may cause dizziness or suffocation. Contact may irritate or burn skin and eyes. Fire may produce irritating or poisonous gases Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.

Stay upwind; keep out of low areas.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Isolate for 1/2 mile in all directions if tank, rail car or tank

truck is involved in fire.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

Small Fires: Dry chemical, CO2, water spray or alcohol-resistant loam.

Large Fires: Water spray, fog or alcohol-resistant foam.

Do not use dry chemical extinguishers to control fires involving nitromethane or nitroethane.

Move container from fire area if you can do it without risk.

Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

SPILL OR LEAK

Shut off ignition sources; no flares, smoking or flames in hazard area.

Stop leak if you can do it without risk.

Water spray may reduce vapor; but it may not prevent ignition in closed

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal

Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen.

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME

ERF 26 Printed by Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, IF THE LISTED MATERIAL IS NOT ON FIRE. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 27

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

First ISOLATE

in all

directions-(Feet)

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)

> Then, PROTECT those persons in the DOWNWIND direction-(Miles)

LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)

First, ISOLATE in all directions-(Feet) Then, PROTECT those persons in the DOWNWIND direction-(Miles)

ID No. NAME OF MATERIAL

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, and NO FIRE exists, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

D'OT EMERGENCY RESPONSE GUIDE 27





(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172,202 and 172,203 (K).

Basic Description: LAB PACK: SEE ATTACHED

<u>INVENTORY SHEET(S)</u>

Technical Name(s):

EMERGENCY RESPONSE **GUIDE** FORM

24 hr. Emergency Contact Tel. No.: (800) 424-5300

(CHENTREC)

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers.

Runoff to sewer may create fire or explosion hazard.

HEALTH HAZARDS

May be poisonous if inhaled or absorbed through skin. Vapors may cause dizziness or suffocation. Contact may irritate or burn skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.

If water pollution occurs, notify the appropriate authorities.

any discoloration of tank due to fire.

Small Fires: Dry chemical, CO2, water spray or regular foam. Large Fires: Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.
For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or

SPILL OR LEAK

Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.

Water spray may reduce vapor; but it may not prevent ignition in closed

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen. In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

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References to the second section of

DOT EMERGENCY RESPONSE GUIDE 35





(FOLD ON DOTTED LINE-STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description:

Technical Name(s):

LAB PACK: SEE ATTACHED

- INVENTORY SHEET (S)

1-1000) 321-5470

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.: 47930

(CHEMTREC)

D.O.T. EMERGENCY RESPONSE GUIDE 35

POTENTIAL HAZARDS

FIRE OR EXPLOSION

May ignite other combustible materials (wood, paper, oil, etc.).
These materials will accelerate burning when they are involved in a fire; some will react violently with fuels.
Runoff to sewer may create fire or explosion hazard.

HEALTH HAZARDS

Contact may cause burns to skin and eyes.
Vapors or dust may be irritating.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural fireflighters' protective clothing will provide limited protection. CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

FIRE

Small Fires: Water only; no dry chemical, CO2 or Halon.
Large Fires: Flood fire area with water from a distance.
Move container from fire area if you can do it without risk.
Apply cooling water to sides of containers exposed to flames until well after
fire is out.
For massive fire in cargo area, use unmanned hose holder or monitor
nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

Do not touch or walk through spilled material.

Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Small Liquid Spills: Take up with sand, earth or other noncombustible absorbent material.

Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air; call emergency medical care.
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.
Remove and isolate contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

ERF 35 Printed by LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646 (800) 621-5808

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, <u>IF THE LISTED MATERIAL IS NOT ON FIRE</u>. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a <u>no-fire</u> spill incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 35

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

ID No.

NAME OF MATERIAL

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.) LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)

First ISOLATE in all directions-

(Feet)

Then, PROTECT those persons in the DOWNWIND direction— (Miles) First, ISOLATE in all directions-(Feet) Then, PROTECT those persons in the DOWNWIND direction— (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, and NO FIRE exists, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

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FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, <u>IF THE LISTED MATERIAL IS NOT ON FIRE</u>. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a <u>no-fire</u> spill incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 45

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, and NO FIRE exists, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS
 ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

D'O'I EMERGENCA RESBONSE CNIDE VP



Basic Description:

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

LAB PACK: SEE ATTACHED

INVENTORY SHEET(S)

Technical Name(s):

EMERGENCY RESPONSE GUIDE FORM

24 hr. Emergency Contact Tel. No.: (80) 424-9360 CHEMTREC)

POTENTIAL HAZARDS

FIRE OR EXPLOSION

May ignite other combustible materials (wood, paper, oil, etc.). These materials will accelerate burning when they are involved in a fire; some will react violently with fuels.

Flammable/poisonous gases may accumulate in tanks and hopper cars. Runoff to sewer may create fire or explosion hazard.

HEALTH HAZARDS

If inhaled, may be harmful. Contact may cause burns to skin and eyes.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.

Keep unnecessary people away, solute factand and discounting the Stay upwind; keep out of low areas.

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.

If water pollution occurs, notify the appropriate authorities.

Small Fires: Water only; no dry chemical, CO2 or Halon.

Large Fires: Flood fire area with water.
Move container from fire area if you can do it without risk.

Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

Keep combustibles (wood, paper, oil, etc.) away from spilled material. Do not touch or walk through spilled material; stop leak if you can do it without risk.

Use water spray to reduce vapor; do not get water inside container. Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Small Spills: Flush area with flooding amounts of water. Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen. In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.

Remove and isolate contaminated clothing and shoes at the site. Keep victim quiet and maintain normal body temperature. Effects may be delayed; keep victim under observation.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!



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Dis	oosal	Facility	Profile #	•			791		ode	
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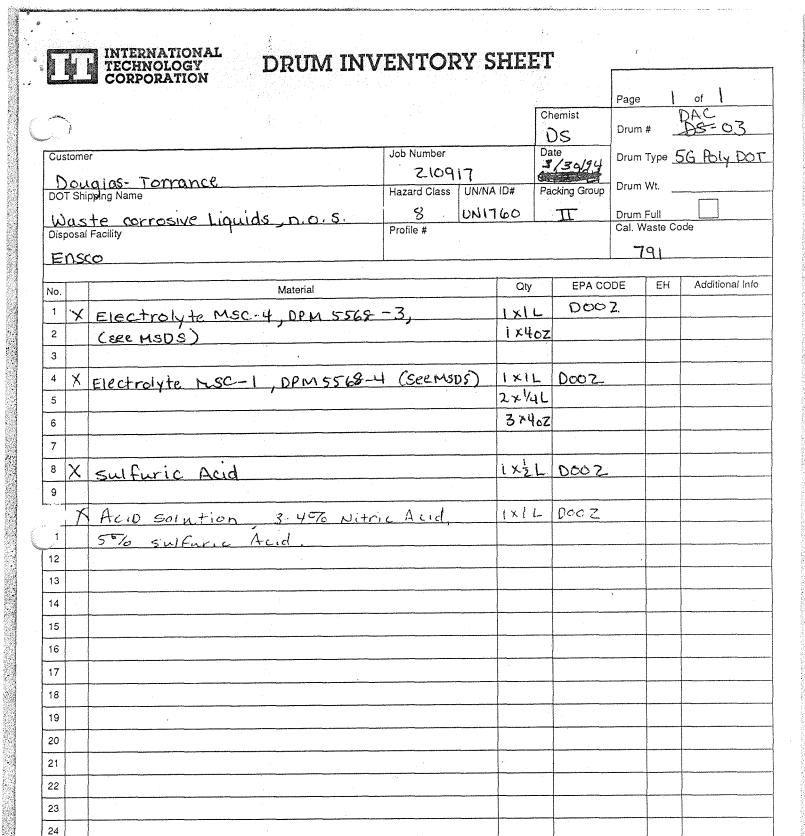
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No.		Material			Qty	EPA CO		EH	Additional Info
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4		POLYDRUM LINERS	35 - 4	15%					
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U	DAS	STE RESIN SCLUTION, FLAMMABLE Facility	Profile #	3 UN1866 II			Drum Full Cal. Waste Code		
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1	X	ACRYLIC ADHESIVE PS-18	COMPA	1. 20 x	GAL	Dooil	162		
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3		ACRYLIC RESIN)							
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- 5	X	WELD ON 40 ACRYLIC CEN	ENT	2 ×	ig.	DOOL			
6		COMP A. (BASE) (CONT. METHY							
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9	X	BRAYCOTE 137 (CONT. ALIPH.	ATIC PETA	EXEUMIX	3/1	D00 1			
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1	10	IGIAG AIRCRAFT CO	2.1091	7	6/10/94		SGAL DOT POLY
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No.		Material						
1	X	HOUSEHOLD POWDER BLEACH	(CONT.		10 000	<u> </u>		
2		SODIUM PERBORATE, SODIUM DIC	HLORO-S-	-				
3		TRIAZINETRIONE DIHYDRATE,						
4		CARBONATE, CALCIUM CABBONE	TE)					
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6		COMET CLEANSER, PROCTER AN		1				·
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		STE POISONOUS LIQUIDS NOS		(0.1.	UNZ	310	Ш	Drum	Full	
Dis	oosal	Facility		Profile #					Vaste Co	ode
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1	X	100INE PREP. SOLUTION (PO	VIDIN	E - LODIN	E 10%			K		
2						11 x16		/ -	-	
3	X	BETADINE SPONGE-BRUSH (POVI	DINE -101	DINE	JYX;	202 N	1R	-	
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ومحد					Chemist D S	Drum	# [AC-28
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1 .			21091	i T	5-4-94	Diam	13 pc	
00	Ship	CLAS AIPCIPAFT CO.	Hazard Class		Packing Group	Drum Wt.		
LiJ	Азт	E OXIDIZING SUBSTANCES LIQUID	5.1 (8)	3098	II	Drum	Full	
Disp	osal	E OXIDIZING SUBSTANCES, LIQUID, Facility CORROSIVE, N.O.S.	Profile #	•		Cal. W	aste Co	ode 19 j
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No.		Material		Qty	EPA CC	DDE	EH	Additional Info
1	X	ALODINE 1200 (CONT CHRON	uc ACID) 1 x	1/21 Doo:	2 0001		
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3	χ	ALODINE 1500 (CONT CHROM	uc A CID) 2x'	Zat Docz	-D001		
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5	X	CHROMIC TRIOXIDE, CALCIUM	SULFATE	1 × 3	et 0001,1	2005		
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	stome			Job Number	6.7		Date 5-4-9	Drum	Туре _	5G DOTPOLY	
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	1 500	oping Name CAUSTIC ALKALI		Hazard Class UNNA ID# Packing Grou					Drum Full		
Dis	posal	E COPPOSIVE LIQUID	DS AUS	Profile #				Cal. V	Cal. Waste Code		
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No.			Material .			Qty			En	Additional into	
1	X	PERMA LUBRICATOR	(CONT POT	ASSIUM		22 × 1	pt Do	<u> </u>	 		
2		HYDROXIDE GREASE)	 								
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1	X	YEROX DRY INK CARTRIDGES		1	1×21	b N/R			1		
2		LEON DISTINGUES						1	†		
3	×	BRASS CUTING		1)	× 1/2 11/	NIR					
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5	X	MORTAR HIGH-TEMP. AIR SETTING	TENIAX		x 51 _b	NIR					
6		(CONT CRYSTALLINE SILICA, SOD			-						
7		SILICATE)	10/01					-			
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9	×	ALKALUME FIXANT (SEE MS.	0 ()	7	V 101	b N/12					\dashv
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DOUGLAS AIRCRAFT COMPANY

3855 Lakewood Boulevard Long Beach, California 90846 TWX: 9103416842 MCDL DGLS LGB2 Telex: 674357 DOUG AIR LGB C

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PLEASE CALL OPERATOR AT PHONE NUMBER (213)

MCDONNELL DOUGLA



3060 Raymond Street Santa Clara, CA 95054 Tel: (408) 727-8520 Fax: (408) 727-8524

PACIFIC COAST REGION

TRANSMITTAL COVER LETTER

DATE: 7-	17-94	WAY
e e e	DAVE GANO	0106
TO:	NAME: Rob Tuble	n/s c6-57
	FIRM: Douglas Areca	APT
	FAX NUMBER: 310 593	-5109
FROM:	BOB PRILL ENSCO, Inc.	•
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MISSION STATEMENT

OUR MISSION IS TO PROVIDE THE HIGHEST QUALITY SERVICE TO OUR CUSTOMERS BY OFFERING INNOVATIVE SOLUTIONS TO THEIR ENVIRONMENTAL MANAGEMENT PROBLEMS THROUGH HIGH TEMPERATURE INCINERATION AND ASSOCIATED SERVICES INCLUDING ON-SITE LAB PACKING. ON-SITE WASTE MANAGEMENT SERVICES, NON-INCINERATION TREATMENT OFFICINS SUCH AS RECLAMATION/RECYCLING, FUBLS, STABILIZATION, LANDFILL, NEUTRALIZATION, COLLECTION, TRANSPORTATION, HANDLING AND ANALYSES

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3060 Raymond Street Santa Clara, CA 95054 Tel: (408) 727-8520 Fax: (408) 727-8524

PACIFIC COAST REGION

TRANSMITTAL COVER LETTER

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TO:	NAME: Rob Tuble	m/s c6-59	
	FIRM: Douglas AT	ecentr	
	FAX NUMBER: 310 5	93-5109	
FROM:	BOB PRILL ENSCO, Inc.	•	
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DOUGLAS AIRCRAFT COMPANY

3855 Lakewood Boulevard Long Beach, California 90046 TWX: 9103416842 MCDL DGLS LG02 Telex: 674367 DOUG AIN LG8 C

FACSIMILE LEAD SHEET

LEAU + 2 SHEETS	
To: Bob Prill	FROM:
FILL NAME Ensco, Inc	NAME: Rob Tuell
CITY, STATE	DEPT C1-Q6C MAIL COUR C6-59
ATTN	PHONE NO. (310) 533-7926
DEPTMAIL CODE	FAX PHONE NO. (310) 533 - 6612
PHONE NO.	
TYPE OF FAX MACHINE	
REHONENO. (408) 727-8524	
SPECIAL DELIVERY INSTRUCTIONS	
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